



**City Environmental Quality Review**  
**ENVIRONMENTAL ASSESSMENT STATEMENT FULL FORM**  
 Please fill out, print and submit to the appropriate agency (see instructions)

**PART I: GENERAL INFORMATION**

**PROJECT NAME** North River WWTP Cogeneration Plant

**1. Reference Numbers**

|   |  |
|---|--|
| CEQR REFERENCE NUMBER (To Be Assigned by Lead Agency)<br><b>13DEP008M</b> | BSA REFERENCE NUMBER (If Applicable)   |
| ULURP REFERENCE NUMBER (If Applicable)                                    | OTHER REFERENCE NUMBER(S) (If Applicable)<br>(e.g., Legislative Intro, CAPA, etc.) |

**2a. Lead Agency Information**

NAME OF LEAD AGENCY  
**New York City Department of Environmental Protection (DEP)**

NAME OF LEAD AGENCY CONTACT PERSON  
**Angela Licata, Deputy Commissioner for Environmental Planning and Analysis**

ADDRESS  
**59-17 Junction Boulevard, 11th Floor**

|   |                    |                     |
|---|--------------------|---------------------|
| CITY<br><b>Flushing</b>                     | STATE<br><b>NY</b> | ZIP<br><b>11373</b> |
| TELEPHONE<br><b>718-595-6576</b>            | FAX                |                     |
| EMAIL ADDRESS<br><b>alicata@dep.nyc.gov</b> |                    |                     |

**2b. Applicant Information**

NAME OF APPLICANT  
**New York City Department of Environmental Protection (DEP)**

NAME OF APPLICANT'S REPRESENTATIVE OR CONTACT PERSON  
**Frank Giardina, Accountable Manager, Engineering Design & Construction**

ADDRESS  
**96-05 Horace Harding Expressway, 5th Floor**

|   |                    |                     |
|---|--------------------|---------------------|
| CITY<br><b>Corona</b>                         | STATE<br><b>NY</b> | ZIP<br><b>11368</b> |
| TELEPHONE<br><b>718-595-6108</b>              | FAX                |                     |
| EMAIL ADDRESS<br><b>fgiardina@dep.nyc.gov</b> |                    |                     |

**3. Action Classification and Type**

**SEQRA Classification**  
 UNLISTED     TYPE I; SPECIFY CATEGORY (see 6 NYCRR 617.4 and NYC Executive Order 91 of 1977, as amended):

**Action Type** (refer to Chapter 2, "Establishing the Analysis Framework" for guidance)  
 LOCALIZED ACTION, SITE SPECIFIC     LOCALIZED ACTION, SMALL AREA     GENERIC ACTION

**4. Project Description:**

The proposed project involves upgrades to the North River Wastewater Treatment Plant (WWTP), including the cogeneration facility in the existing engine room, and other plant infrastructure, equipment, and electrical system improvements. In addition, the separation of park electrical service from electrical service at the plant would be undertaken. For a more detailed description of the proposed project, please refer to Attachment A, "Project Description."

**Project Location**

|   |                                   |  |
|---|-----------------------------------|--|
| BOROUGH<br><b>Manhattan</b>                     | COMMUNITY DISTRICT(S)<br><b>9</b> | STREET ADDRESS<br><b>725 West 135th Street</b> |
| TAX BLOCK(S) AND LOT(S)<br><b>2101, Lot 117</b> |                                   | ZIP CODE<br><b>10031</b>                       |

DESCRIPTION OF PROPERTY BY BOUNDING OR CROSS STREETS

**North River WWTP is located on the Hudson River, west of the West Side Highway from 135th to 145th Street**

EXISTING ZONING DISTRICT, INCLUDING SPECIAL ZONING DISTRICT DESIGNATION, IF ANY

**M1-1**

ZONING SECTIONAL MAP NO:

**3b, 5c, 6a**

**5. REQUIRED ACTIONS OR APPROVALS** (check all that apply)

**City Planning Commission:**     YES     NO     UNIFORM LAND USE REVIEW PROCEDURE (ULURP)

|  |  |  |
|--|--|--|
| <input type="checkbox"/> CITY MAP AMENDMENT  | <input type="checkbox"/> ZONING CERTIFICATION      | <input type="checkbox"/> CONCESSION        |
| <input type="checkbox"/> ZONING MAP AMENDMENT  | <input type="checkbox"/> ZONING AUTHORIZATION      | <input type="checkbox"/> UDAPP             |
| <input type="checkbox"/> ZONING TEXT AMENDMENT   | <input type="checkbox"/> ACQUISITION—REAL PROPERTY | <input type="checkbox"/> REVOCABLE CONSENT |
| <input type="checkbox"/> SITE SELECTION—PUBLIC FACILITY  | <input type="checkbox"/> DISPOSITION—REAL PROPERTY | <input type="checkbox"/> FRANCHISE         |
| <input type="checkbox"/> HOUSING PLAN & PROJECT  | <input type="checkbox"/> OTHER, explain:           |  |
| <input type="checkbox"/> SPECIAL PERMIT (if appropriate, specify type: <input type="checkbox"/> MODIFICATION; <input type="checkbox"/> RENEWAL; <input type="checkbox"/> OTHER); | EXPIRATION DATE:                                   |  |

SPECIFY AFFECTED SECTION(S) OF THE ZONING RESOLUTION

**Board of Standards and Appeals:**    YES  NO

|  |                  |
|--|------------------|
| <input type="checkbox"/> VARIANCE (USE)  |                  |
| <input type="checkbox"/> VARIANCE (BULK)   |                  |
| <input type="checkbox"/> SPECIAL PERMIT (if appropriate, specify type: <input type="checkbox"/> MODIFICATION; <input type="checkbox"/> RENEWAL; <input type="checkbox"/> OTHER); | EXPIRATION DATE: |

SPECIFY AFFECTED SECTION(S) OF THE ZONING RESOLUTION

|  |   |  |
|--|---|--|
| <b>Department of Environmental Protection:</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If "yes," specify:  |   | <b>"Certificate to Operate" for new engines and for interim emergency generators; various design and construction permits.</b>                               |
| <b>Other City Approvals Subject to CEQR</b> (check all that apply)   |   |  |
| <input type="checkbox"/> LEGISLATION   | <input type="checkbox"/> FUNDING OF CONSTRUCTION; specify   |  |
| <input type="checkbox"/> RULEMAKING  | <input type="checkbox"/> POLICY OR PLAN; specify  |  |
| <input type="checkbox"/> CONSTRUCTION OF PUBLIC FACILITIES   | <input type="checkbox"/> FUNDING OR PROGRAMS; specify   |  |
| <input type="checkbox"/> 384(B)(4) APPROVAL  | <input type="checkbox"/> PERMITS; specify   |  |
| <input checked="" type="checkbox"/> OTHER; EXPLAIN <b>NYCDOB and NYCDSBS Design and Construction</b>   |   |  |
| <b>Other City Approvals Not Subject to CEQR</b> (check all that apply)   |   |  |
| <input type="checkbox"/> PERMITS FROM DOT'S OFFICE OF CONSTRUCTION MITIGATION AND COORDINATION (OCMD)  | <input type="checkbox"/> LANDMARKS PRESERVATION COMMISSION APPROVAL   |  |
|  | <input type="checkbox"/> OTHER; explain:  |  |
| <b>State or Federal Actions/Approvals/Funding:</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If "yes," specify   |   | <b>Modification to NYSDEC Title V Air Quality Permit.</b>  |
|  |   | <b>The proposed project would use New York State Revolving Fund (SRF) funding for a portion of the project's design; construction will be funded by DEP.</b> |
| <b>6. Site Description:</b> The directly affected area consists of the project site and the area subject to any change in regulatory controls. Except where otherwise indicated, provide the following information with regard to the directly affected area.  |   |  |
| <b>GRAPHICS</b> The following graphics must be attached and each box must be checked off before the EAS is complete. Each map must clearly depict the boundaries of the directly affected area or areas and indicate a 400-foot radius drawn from the outer boundaries of the project site. Maps may not exceed 11x17 inches in size and, for paper filings, must be folded to 8.5x11 inches.  |   |  |
| <input checked="" type="checkbox"/> SITE LOCATION MAP  | <input checked="" type="checkbox"/> ZONING MAP  | <input checked="" type="checkbox"/> SANBORN OR OTHER LAND USE MAP See Figures 1-8.   |
| <input checked="" type="checkbox"/> TAX MAP  | <input type="checkbox"/> FOR LARGE AREAS OR MULTIPLE SITES, A GIS SHAPE FILE THAT DEFINES THE PROJECT SITE(S)   |  |
| <input checked="" type="checkbox"/> PHOTOGRAPHS OF THE PROJECT SITE TAKEN WITHIN 6 MONTHS OF EAS SUBMISSION AND KEYED TO THE SITE LOCATION MAP   |   |  |
| <b>Physical Setting</b> (both developed and undeveloped areas)   |   |  |
| Total directly affected area (sq. ft.):  | <b>Proposed project would be located within the engine room of the existing WWTP plant (approximately 228,900 sq. ft.), and other areas internal to the WWTP.</b>   | Waterbody area (sq. ft.) and type:   |
| Roads, building and other paved surfaces (sq. ft.):  | Other, describe (sq. ft.):  |  |
| <b>7. Physical Dimensions and Scale of Project</b> (if the project affects multiple sites, provide the total development below facilitated by the action)  |   |  |
| SIZE OF PROJECT TO BE DEVELOPED (gross square feet):   | <b>Approximately 228,900 sq. ft. Proposed project involves the replacement of engines and associated equipment within existing WWTP engine room, and other upgrades to plant infrastructure and equipment, not new development.</b>   |  |
| NUMBER OF BUILDINGS:   | GROSS FLOOR AREA OF EACH BUILDING (sq. ft.):  |  |
| HEIGHT OF EACH BUILDING (ft):  | NUMBER OF STORIES OF EACH BUILDING:   |  |
| Does the proposed project involve changes in zoning on one or more sites? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>  |   |  |
| If "Yes," specify: The total square feet owned or controlled by the applicant:<br>The total square feet non-applicant owned area:  |   |  |
| Does the proposed project involve in-ground excavation or subsurface disturbance, including but not limited to foundation work, pilings, utility lines, or grading? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>  |   |  |
| If "Yes," indicate the estimated area and volume dimensions of subsurface disturbance (if known):  |   |  |
| AREA OF TEMPORARY DISTURBANCE: <b>Up to about 6,000*</b> sq. ft. (width x length)  | VOLUME OF DISTURBANCE: <b>Up to about 36,000*</b> cubic feet (width x length x depth)   |  |
| * = It is possible that the proposed project would include up to approximately 1,500 feet of trenching on the project site that will be up to 4 feet wide and 6 feet deep to accommodate the separation of power between Riverbank State Park and the WWTP.  |   |  |
| AREA OF PERMANENT DISTURBANCE: <b>0</b> sq. ft. (width x length)   |   |  |
| <b>8. Analysis Year</b> CEQR Technical Manual, Chapter 2   |   |  |
| ANTICIPATED BUILD YEAR (DATE THE PROJECT WOULD BE COMPLETED AND OPERATIONAL):  | <b>2019</b>   |  |
| ANTICIPATED PERIOD OF CONSTRUCTION IN MONTHS:  | <b>58 months</b>  |  |
| WOULD THE PROJECT BE IMPLEMENTED IN A SINGLE PHASE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO  | IF MULTIPLE PHASES, HOW MANY?   |  |
| BRIEFLY DESCRIBE PHASES AND CONSTRUCTION SCHEDULE:   | <b>The project involves replacing the 10 existing engines with new electric motors (electrification) for the main sewage pumps and process blowers, and the installation of the 5 new cogeneration generator engine units and the associated piping and electrical equipment, as well as other upgrades to plant infrastructure and equipment. These activities would all occur within the existing WWTP building. In addition, the separation of park electrical service from electrical service at the plant would be undertaken, which would occur on DEP property east of the WWTP building, as described in detail in Attachment A, "Project Description." The existing engines will be taken off line gradually, and replaced with one new unit at a time, to allow for continued operation of the plant while the upgrade project is under construction.</b> |  |
| <b>9. Predominant Land Use in the Vicinity of Project?</b> (Check all that apply)  |   |  |
| <input checked="" type="checkbox"/> RESIDENTIAL  | <input checked="" type="checkbox"/> MANUFACTURING   | <input checked="" type="checkbox"/> COMMERCIAL   |
| <input checked="" type="checkbox"/> PARK/FOREST/OPEN SPACE   | <input checked="" type="checkbox"/> OTHER; specify: <b>Transportation/Infrastructure</b>  |  |
| <b>The WWTP site is zoned M1-1, as is the adjacent area to the south of the WWTP (see Figure 3, Zoning). There is also parkland adjacent and on top of the WWTP. Areas to the east of the WWTP, across the Henry Hudson Parkway, are generally zoned as R zones, and are predominantly residential with interspersed commercial uses. An area south of the WWTP and east of Riverside Drive and Twelfth Avenue is zoned as C (commercial) zones.</b> |   |  |



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, IPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

- Project Site Boundary
- - - Study Area Boundary (400-Foot Perimeter)

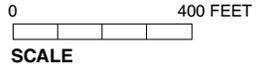
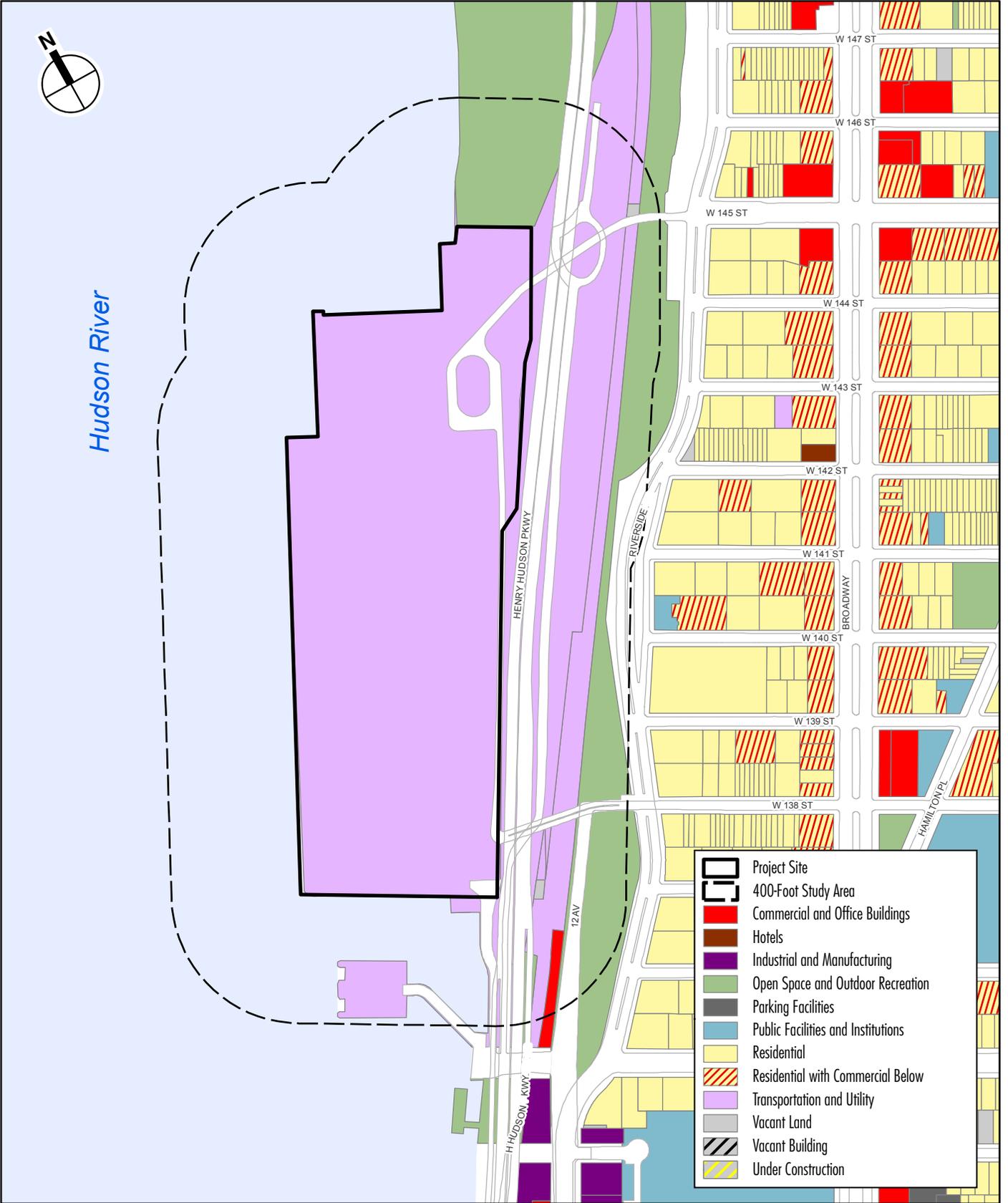


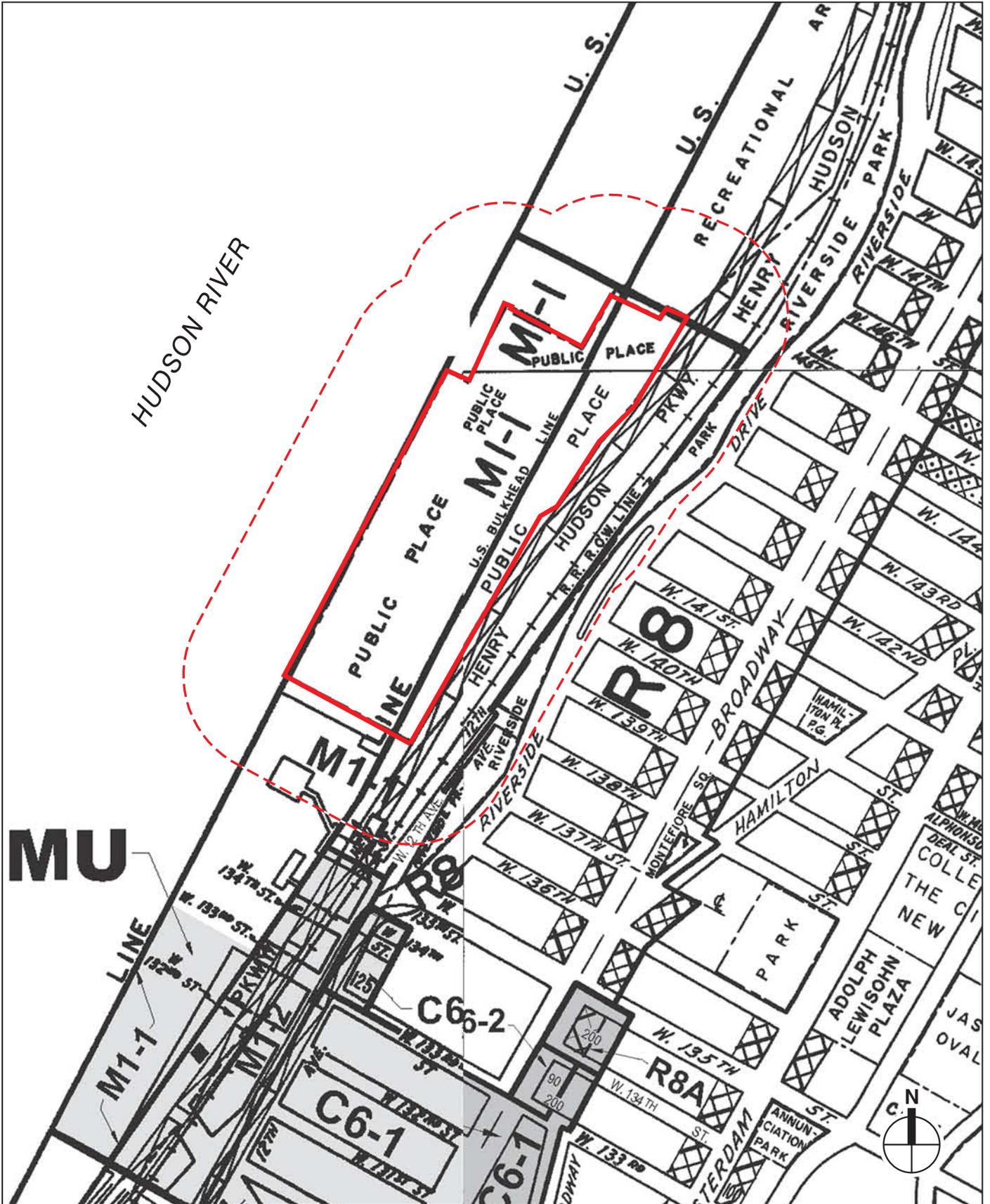
Figure 1  
**Site Location**



— Project Site Boundary  
 - - - Study Area Boundary (400-Foot Perimeter)

0 400 FEET  
 SCALE

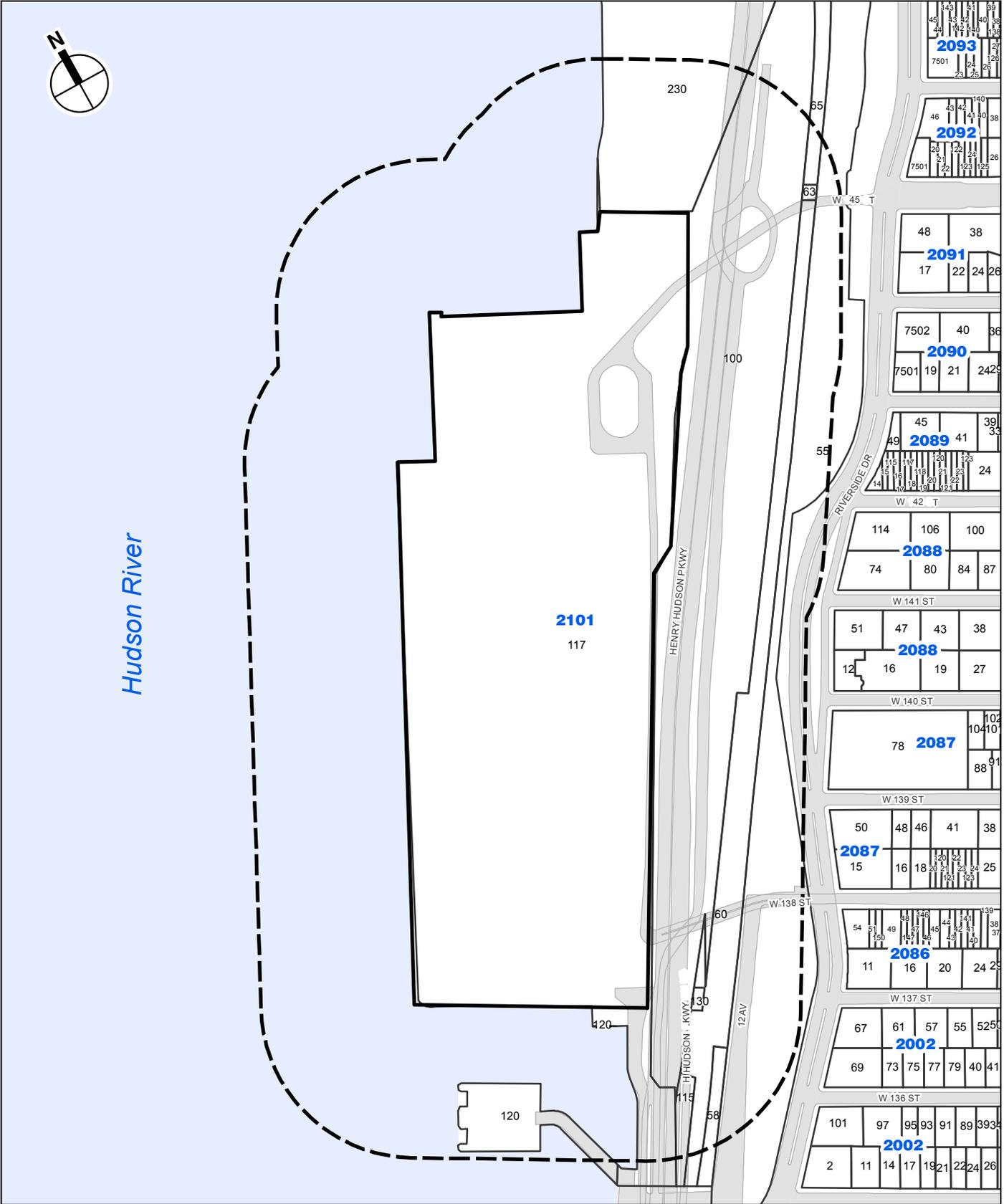
Figure 2  
**Land Use**



- Project Site Boundary
- - - Study Area Boundary (400-Foot Perimeter)

0 400 FEET  
SCALE

Figure 3  
**Zoning**



- Project Site Boundary
- Study Area Boundary (400-Foot Perimeter)
- 2101** Block Number
- 117 Lot Number

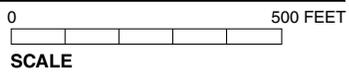
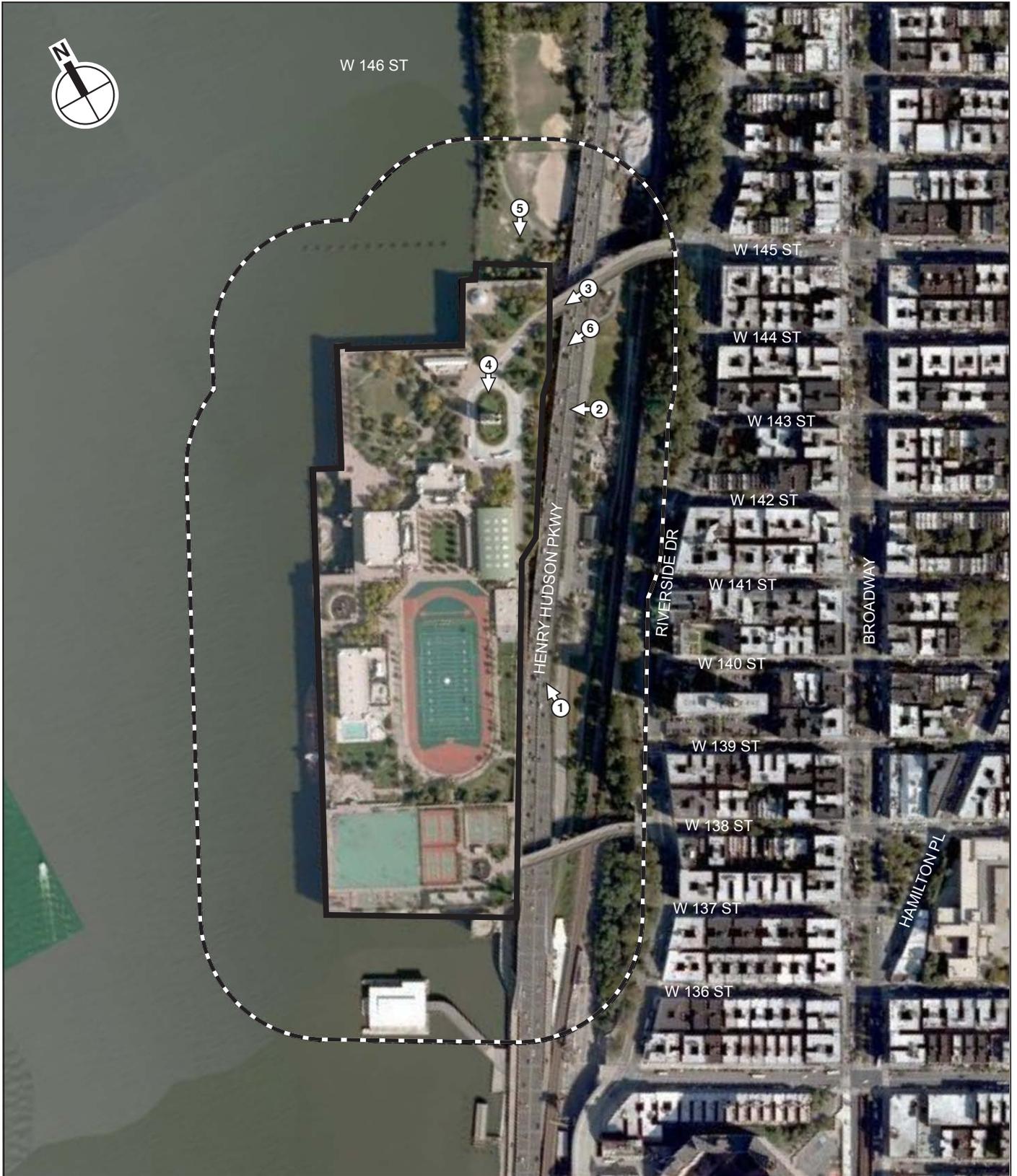


Figure 4  
Tax Map



-  Project Site Boundary
-  Study Area Boundary (400-Foot Perimeter)
-  Photograph Location and View Direction

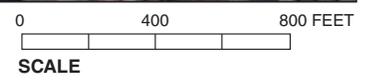


Figure 5  
Site Location - Aerial View  
and Photo Key



1



2

Figure 6  
**Views of North River WWTP  
Exhaust Stacks**



3



4

Figure 7  
**Views of North River WWTP  
Exhaust Stacks**



5



6

Figure 8  
**Views of North River WWTP  
Exhaust Stacks**

**DESCRIPTION OF EXISTING AND PROPOSED CONDITIONS**

The information requested in this table applies to the directly affected area. The directly affected area consists of the project site and the area subject to any change in regulatory control. The increment is the difference between the No-Action and the With-Action conditions.

|  | EXISTING<br>CONDITION   | NO-ACTION<br>CONDITION  | WITH-ACTION<br>CONDITION  | INCREMENT        |
|--|---|---|---|------------------|
| <b>Land Use</b>  |   |   |   |                  |
| <b>Residential</b>   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, specify the following  |   |   |   |                  |
| Describe type of residential structures  |   |   |   |                  |
| No. of dwelling units  |   |   |   |                  |
| No. of low- to moderate-income units   |   |   |   |                  |
| Gross Floor Area (sq. ft.)   |   |   |   |                  |
| <b>Commercial</b>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, specify the following:   |   |   |   |                  |
| Describe type (retail, office, other)  |   |   |   |                  |
| Gross floor area (sq. ft.)   |   |   |   |                  |
| <b>Manufacturing/Industrial</b>  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |
| If yes, specify the following:   |   |   |   |                  |
| Type of use  | <b>WWTP</b>   | <b>WWTP</b>   | <b>WWTP</b>   |                  |
| Gross floor area (sq. ft.)   | <b>228,900</b>  | <b>228,900</b>  | <b>228,900</b>  | <b>No change</b> |
| Open storage area (sq. ft.)  |   |   |   |                  |
| If any unenclosed activities, specify  |   |   |   |                  |
| <b>Community Facility</b>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, specify the following  |   |   |   |                  |
| Type   |   |   |   |                  |
| Gross floor area (sq. ft.)   |   |   |   |                  |
| <b>Vacant Land</b>   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, describe   |   |   |   |                  |
| <b>Publicly Accessible Open Space</b>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, specify type (mapped City, State, or Federal Parkland, wetland—mapped or otherwise known, other) |   |   |   |                  |
| <b>Other Land Uses</b>   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, describe   |   |   |   |                  |
| <b>Parking</b>   |   |   |   |                  |
| <b>Garages</b>   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, specify the following:   |   |   |   |                  |
| No. of public spaces   |   |   |   |                  |
| No. of accessory spaces  |   |   |   |                  |
| Operating hours  |   |   |   |                  |
| Attended or non-attended   |   |   |   |                  |
| <b>Lots</b>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, specify the following:   |   |   |   |                  |
| No. of public spaces   |   |   |   |                  |
| No. of accessory spaces  |   |   |   |                  |
| Operating hours  |   |   |   |                  |
| <b>Other (includes street parking)</b>   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                  |
| If yes, describe   |   |   |   |                  |

|   | EXISTING<br>CONDITION   | NO-ACTION<br>CONDITION  | WITH-ACTION<br>CONDITION  | INCREMENT                    |
|---|---|---|---|------------------------------|
| <b>Population</b>   |   |   |   |                              |
| <b>Residents</b>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                              |
| If any, specify number  |   |   |   |                              |
| Briefly explain how the number of residents was calculated  |   |   |   |                              |
| <b>Businesses</b>   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                              |
| If any, specify the following:  |   |   |   |                              |
| No. and type  |   |   |   |                              |
| No. and type of workers by business   |   |   |   |                              |
| No. and type of non-residents who are not workers   |   |   |   |                              |
| Briefly explain how the number of businesses was calculated   |   |   |   |                              |
| <b>Students (non-resident)</b>  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |                              |
| If any, specify number  |   |   |   |                              |
| Briefly explain how the number of students was calculated   |   |   |   |                              |
| <b>Zoning</b>   |   |   |   |                              |
| Zoning classification   | M1-1  | M1-1  | M1-1  |                              |
| Maximum amount of floor area that can be developed  |   |   |   | No change in zoning proposed |
| Predominant land use and zoning classifications within land use study areas or a 400-foot radius of proposed project  | See No.9  | See No.9  | See No.9  |                              |
| Attach any additional information as may be needed to describe the project.   |   |   |   |                              |
| If your project involves changes that affect one or more sites not associated with a specific development, it is generally appropriate to include total development projections in the above table and attach separate tables outlining the reasonable development scenarios for each site. |   |   |   |                              |

**PART II: TECHNICAL ANALYSIS**

**INSTRUCTIONS:** For each of the analysis categories listed in this section, assess the proposed project’s impacts based on the thresholds and criteria presented in the *CEQR Technical Manual*. Check each box that applies.

- If the proposed project can be demonstrated not to meet or exceed the threshold, check the “no” box.
- If the proposed project will meet or exceed the threshold, or if this cannot be determined, check the “yes” box.
- For each “yes” response, provide additional analyses (and attach supporting information, if needed) based on guidance in the *CEQR Technical Manual* to determine whether the potential for significant impacts exists. Please note that a “yes” answer does not mean that EIS must be prepared—it means that more information may be required for the lead agency to make a determination of significance.
- The lead agency, upon reviewing Part II, may require an applicant to either provide additional information to support the Full EAS Form. For example, if a question is answered “no,” an agency may request a short explanation for this response.

|  | YES                                 | NO                                  |
|--|-------------------------------------|-------------------------------------|
| <b>1. LAND USE, ZONING AND PUBLIC POLICY: <i>CEQR Technical Manual, Chapter 4</i></b>  |                                     |                                     |
| (a) Would the proposed project result in a change in land use different from surrounding land uses?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Would the proposed project result in a change in zoning different from surrounding zoning?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) Is there the potential to affect an applicable public policy?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (d) If “yes” to (a), (b), and/or (c), complete a preliminary assessment and attach.  |                                     |                                     |
| (e) Is the project a large, publicly sponsored project?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If “yes,” complete a PlaNYC assessment and attach.   |                                     |                                     |
| (f) Is any part of the directly affected area within the City’s Waterfront Revitalization Program boundaries?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| o If “yes,” complete the Consistency Assessment Form. <b>See Attachment B, “Waterfront Revitalization Program.”</b>  |                                     |                                     |
| <b>2. SOCIOECONOMIC CONDITIONS: <i>CEQR Technical Manual, Chapter 5</i></b>  |                                     |                                     |
| (a) Would the proposed project:  |                                     |                                     |
| • Generate a net increase of more than 200 residential units or 200,000 square feet of commercial space?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If “yes,” answer questions 2(b)(ii) and 2(b)(iv) below.  |                                     |                                     |
| • Directly displace 500 or more residents?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If “yes,” answer questions 2(b)(i), 2(b)(ii), and 2(b)(iv) below.  |                                     |                                     |
| • Directly displace more than 100 employees?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If “yes,” answer questions under 2(b)(iii) and 2(b)(iv) below.   |                                     |                                     |
| • Affect conditions in a specific industry?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If “yes,” answer question 2(b)(v) below.   |                                     |                                     |
| (b) If ‘Yes’ to any of the above, attach supporting information to answer the relevant questions.<br>If ‘No’ was checked for each category above, the remaining questions in this technical area do not need to be answered. |                                     |                                     |
| <b>i. Direct Residential Displacement</b>  |                                     |                                     |
| o If more than 500 residents would be displaced, would these displaced represent more than 5% of the primary study area population?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If “yes,” is the average income of the directly displaced population markedly lower than the average income of the rest of the study area population?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>ii. Indirect Residential Displacement</b>   |                                     |                                     |
| o Would expected average incomes of the new population exceed the average incomes of the study area populations?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If “yes:”  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| ▪ Would the population of the primary study area increase by more than 10 percent?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| ▪ Would the population of the primary study area increase by more than 5 percent in an area where there is the potential to accelerate trends toward increasing rents?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If “yes,” to either of the preceding questions, would more than 5 percent of all housing units be renter-occupied and unprotected?   | <input type="checkbox"/>            | <input type="checkbox"/>            |

|  | YES                                 | NO                                  |
|--|-------------------------------------|-------------------------------------|
| <b>iii. Direct Business Displacement</b>   |                                     |                                     |
| o Do any of the displaced businesses provide goods or services that otherwise would not be found within the trade area, either under existing conditions or in the future with the proposed project?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o Is any category of business to be displaced the subject of other regulations or publicly adopted plans to preserve, enhance, or otherwise protect it?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>iv. Indirect Business Displacement</b>  |                                     |                                     |
| o Would the project potentially introduce trends that make it difficult for businesses to remain in the area?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o Would the project capture the retail sales in a particular category of goods to the extent that the market for such goods would become saturated, potentially resulting in vacancies and disinvestment on neighborhood commercial streets? | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>v. Affects on Industry</b>  |                                     |                                     |
| o Would the project significantly affect business conditions in any industry or any category of businesses within or outside the study area?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o Would the project indirectly substantially reduce employment or impair the economic viability in the industry or category of businesses?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>3. COMMUNITY FACILITIES: CEQR Technical Manual, Chapter 6</b>   |                                     |                                     |
| <b>(a) Direct Effects</b>  |                                     |                                     |
| o Would the project directly eliminate, displace, or alter public or publicly funded community facilities such as educational facilities, libraries, health care facilities, day care centers, police stations, or fire stations?            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b>(b) Indirect Effects</b>  |                                     |                                     |
| <b>i. Child Care Centers</b>   |                                     |                                     |
| o Would the project result in 20 or more eligible children under age 6, based on the number of low or low/moderate income residential units? (See Table 6-1 in Chapter 6)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," would the project result in a collective utilization rate of the group child care/Head Start centers in the study area that is greater than 100 percent?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>ii. Libraries</b>   |                                     |                                     |
| o Would the project result in a 5 percent or more increase in the ratio of residential units to library branches? (See Table 6-1 in Chapter 6)   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," would the project increase the study area population by 5 percent or more from the No-Action levels?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If "yes," would the additional population impair the delivery of library services in the study area?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>iii. Public Schools</b>   |                                     |                                     |
| o Would the project result in 50 or more elementary or middle school students, or 150 or more high school students based on number of residential units? (See Table 6-1 in Chapter 6)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," would the project result in a collective utilization rate of the elementary and/or intermediate schools in the study area that is equal to or greater than 100 percent?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If "yes," would the project increase this collective utilization rate by 5 percent or more from the No-Action scenario?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>iv. Health Care Facilities</b>  |                                     |                                     |
| o Would the project result in the introduction of a sizeable new neighborhood?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," would the project affect the operation of health care facilities in the area?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>v. Fire and Police Protection</b>   |                                     |                                     |
| o Would the project result in the introduction of a sizeable new neighborhood?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," would the project affect the operation of fire or police protection in the area?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>4. OPEN SPACE: CEQR Technical Manual, Chapter 7</b>   |                                     |                                     |
| <b>(a)</b> Would the project change or eliminate existing open space?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b>(b)</b> Is the project located within an underserved area in the Bronx, Brooklyn, Manhattan, Queens, or Staten Island?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b>(c)</b> If "yes," would the proposed project generate more than 50 additional residents or 125 additional employees?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>(d)</b> Is the project located within a well-served area in the Bronx, Brooklyn, Manhattan, Queens, or Staten Island?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <b>(e)</b> If "yes," would the project generate more than 350 additional residents or 750 additional employees?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b>(f)</b> If the project is located within an area that is neither underserved nor well-served, would it generate more than 200 additional residents or 500 additional employees?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>(g)</b> If "yes" to questions (c), (e), or (f) above, attach supporting information to answer the following:  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If in an underserved area, would the project result in a decrease in the open space ratio by more than 1 percent?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If in an area that is not under-served, would the project result in a decrease in the open space ratio by more than 5 percent?   | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If "yes," are there qualitative considerations, such as the quality of open space, that need to be considered?<br>Please specify:  | <input type="checkbox"/>            | <input type="checkbox"/>            |

|  | YES                                 | NO                                  |
|--|-------------------------------------|-------------------------------------|
| <b>5. SHADOWS: CEQR Technical Manual, Chapter 8.</b>   |                                     |                                     |
| (a) Would the proposed project result in a net height increase of any structure of 50 feet or more?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Would the proposed project result in any increase in structure height and be located adjacent to or across the street from a sunlight-sensitive resource?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) If "yes" to either of the above questions, attach supporting information explaining whether the project's shadow reach any sunlight-sensitive resource at any time of the year.  |                                     |                                     |
| <b>6. HISTORIC AND CULTURAL RESOURCES: CEQR Technical Manual, Chapter 9</b>  |                                     |                                     |
| (a) Does the proposed project site or an adjacent site contain any architectural and/or archaeological resource that is eligible for or has been designated (or is calendared for consideration) as a New York City Landmark, Interior Landmark or Scenic Landmark; that is listed or eligible for listing on the New York State or National Register of Historic Places; or that is within a designated or eligible New York City, New York State, or National Register Historic District? (See the GIS System for Archaeology and National Register to confirm.)   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (b) Would the proposed project involve construction resulting in in-ground disturbance to an area not previously excavated? <b>It is possible that the proposed project would include up to approximately 1,500 feet of trenching on the project site that will be up to 4 feet wide and 6 feet deep to accommodate the separation of power between Riverbank State Park and the WWTP. This area consists of urban fill.</b>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (c) If "yes" to either of the above, list any identified architectural and/or archaeological resources and attach supporting information on whether the proposed project would potentially affect any architectural or archaeological resources.<br><b>The Henry Hudson Parkway and nearby Riverside Park are eligible for listing on the State and National Registers of Historic Places. However, the proposed project would occur wholly within the existing North River WWTP and would not affect either resource.</b>   |                                     |                                     |
| <b>7. URBAN DESIGN AND VISUAL RESOURCES: CEQR Technical Manual, Chapter 10</b>   |                                     |                                     |
| (a) Would the proposed project introduce a new building, a new building height, or result in any substantial physical alteration to the streetscape or public space in the vicinity of the proposed project that is not currently allowed by existing zoning?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Would the proposed project result in obstruction of publicly accessible views to visual resources not currently allowed by existing zoning?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) If "yes" to either of the questions above, please provide the information requested in Chapter 10.   |                                     |                                     |
| <b>8. NATURAL RESOURCES: CEQR Technical Manual, Chapter 11</b>   |                                     |                                     |
| (a) Does the proposed project site or a site adjacent to the project contain natural resources as defined in Section 100 of Chapter 11?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," list the resources and attach supporting information on whether the proposed project would affect any of these resources.  |                                     |                                     |
| (b) Is any part of the directly affected area within the Jamaica Bay Watershed?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," complete the Jamaica Bay Watershed Form and submit according to its instructions.  |                                     |                                     |
| <b>9. HAZARDOUS MATERIALS: CEQR Technical Manual, Chapter 12</b>   |                                     |                                     |
| (a) Would the proposed project allow commercial or residential use in an area that is currently, or was historically, a manufacturing area that involved hazardous materials?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Does the proposed project site have existing institutional controls (e.g., (E) designations or a Restrictive Declaration) relating to hazardous materials that preclude the potential for significant adverse impacts?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) Would the project require soil disturbance in a manufacturing area or any development on or near a manufacturing area or existing/historic facilities listed in Appendix 1 (including nonconforming uses)? <b>It is possible that the proposed project would include up to approximately 1,500 feet of trenching on the project site that will be up to 4 feet wide and 6 feet deep to accommodate the separation of power between Riverbank State Park and the WWTP.</b>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (d) Would the project result in the development of a site where there is reason to suspect the presence of hazardous materials, contamination, illegal dumping or fill, or fill material of unknown origin?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (e) Would the project result in development on or near a site that has or had underground and/or aboveground storage tanks (e.g., gas stations, oil storage facilities, heating oil storage)? <b>Seven (7) existing ASTs located within the WWTP's engine room will be removed as part of this project.</b>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (f) Would the project result in renovation of interior existing space on a site with the potential for compromised air quality; vapor intrusion from either on-site or off-site sources; or the presence of asbestos, PCBs, mercury, or lead-based paint? <b>The project would involve replacement of engines within the existing WWTP engine room, and other infrastructure and equipment upgrades within the WWTP. Surveys and appropriate construction methods would be employed to ensure that there would be no adverse impacts from disturbance of any potential ACM, PCB and/or lead-based paint containing materials. The separation of park electrical service from the plant which would also be undertaken, would involve some limited excavation activities. To ensure that the potential for human or environmental exposure to known or unexpectedly encountered contamination during this work is minimized, supplemental testing and, as necessary, a Remedial Action Plan (RAP) and associated Construction Health and Safety Plan (CHASP) would be prepared for implementation during the construction activities associated with this aspect of the project. Any hazardous materials encountered as a result of excavation activities would be handled and disposed of in accordance with applicable federal, state and local requirements.</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (g) Would the project result in development on or near a site with potential hazardous materials issues such as government-listed voluntary cleanup/brownfield site, current or former power generation/transmission facilities, coal gasification or gas storage sites, railroad tracks or rights-of-way, or municipal incinerators? <b>The project is the replacement of equipment in an existing facility and involves no new development or soil disturbance for equipment replacement. The separation of park electrical service from electrical service at the plant which would also be undertaken, would involve some limited excavation activities. (see Attachment C, "Hazardous Materials"). The power generated by the upgraded cogeneration facility is for internal WWTP use.</b>  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (h) Has a Phase I Environmental Site Assessment been performed for the site?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| o If "yes," were Recognized Environmental Conditions (RECs) identified? Briefly identify: <b>Please see Attachment C, "Hazardous Materials."</b>   |                                     |                                     |
| (i) Based on the Phase I Assessment, is a Phase II Assessment needed?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

|   | YES                                 | NO                                  |
|---|-------------------------------------|-------------------------------------|
| <b>10. WATER AND SEWER INFRASTRUCTURE: CEQR Technical Manual, Chapter 13</b>  |                                     |                                     |
| (a) Would the project result in water demand of more than one million gallons per day?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) If the proposed project is located in a combined sewer area, would it result in at least 1,000 residential units or 250,000 sq. ft. or more of commercial space in Manhattan, or at least 400 residential units or 150,000 sq. ft. or more of commercial space in the Bronx, Brooklyn, Staten Island or Queens?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) If the proposed project is located in a separately sewered area, would it result in the same or greater development than that listed in Table 13-1 in Chapter 13?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (d) Would the project involve development on a site that is 5 acres or larger where the amount of impervious surface would increase?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (e) If the project is located within the Jamaica Bay Watershed or in certain specific drain areas, including Bronx River, Coney Island Creek, Flushing Bay and Creek, Gowanus Canal, Hutchinson River, Newtown Creek, or Westchester Creek, would it involve development on a site that is 1 acre or larger where the amount of impervious surface would increase?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (f) Would the proposed project be located in an area that is partially sewered or currently unsewered?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (g) Is the project proposing an industrial facility or activity that would contribute industrial discharges to a Wastewater Treatment Plant and/or contribute contaminated stormwater to a separate storm sewer system?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (h) Would the project involve construction of a new stormwater outfall that requires federal and/or state permits?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (i) If "yes" to any of the above, conduct the appropriate preliminary analyses and attach supporting documentation.   |                                     |                                     |
| <b>11. SOLID WASTE AND SANITATION: CEQR Technical Manual, Chapter 14</b>  |                                     |                                     |
| (a) Using Table 14-1 in Chapter 14, the project's projected operational solid waste generation is estimated to be (pounds per week):  |                                     |                                     |
| o Would the proposed project have the potential to generate 100,000 pounds (50 tons) or more of solid waste per week?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Would the proposed project involve a reduction in capacity at a solid waste management facility used for refuse or recyclables generated within the City?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o If "yes," would the proposed project comply with the City's Solid Waste Management Plan?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>12. ENERGY: CEQR Technical Manual, Chapter 15</b>  |                                     |                                     |
| (a) Using energy modeling or Table 15-1 in Chapter 15, the project's projected energy use is estimated to be (annual annual): The five new up to 3.37 megawatt (MW) engines will generate a maximum of up to 13.48 MW for WWTP internal operational use. Up to four of the five new engines would operate at any one time, with the fifth engine as a standby/emergency back-up unit. The engines would operate on both digester gas and natural gas. Annual BTUs will increase at the project site because additional clean power will be generated by the on-site cogeneration equipment, instead of drawing power from the local electrical grid The project would be expected to consume approximately 756,841 MMBTUs annually; an annual increase of approximately 99, 513 MMBTUs compared to current energy use. (It should be noted that this estimate is conservative because it does not take any credit for the fuel energy that was required by the electric utility to produce the power that was previously purchased, which will now be mostly produced on-site by the new cogeneration engines.)   |                                     |                                     |
| (b) Would the proposed project affect the transmission or generation of energy?<br>Energy generation will increase at the project site because additional clean power will be generated by the new on-site cogeneration equipment, instead of drawing power as much power as is currently used from the local electrical grid. With the proposed improvements to the cogeneration equipment at the WWTP, it is anticipated that the WWTPs annual electrical power consumption drawn from the local grid would be reduced by approximately 48 million kWh. The cogeneration upgrades would consist of the replacement of the ten (10) existing tri-fuel (#2 fuel oil, natural gas, and digester gas) engines at the WWTP with five (5) new 3.37 MW dual fuel (natural gas and digester gas) spark ignited reciprocating engine generators. Four of the five new engines would operate at a maximum output of 13.48 MW, with the fifth engine as a standby unit for emergencies or if one of the other engines requires service or repair. The replacement of these engines represents a significant upgrade to the WWTP's co-generation facility, which supplies power for many of the operating systems at the WWTP. Additionally, improvements to the WWTP's electrical infrastructure and other related equipment would be made to allow the plant to operate based on digester gas, natural gas, electricity, or a combination of any of these energy sources. Thermal recovery systems would be upgraded to utilize the heat produced by the engine generators and distribute it throughout the North River WWTP. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <b>13. TRANSPORTATION: CEQR Technical Manual, Chapter 16</b>  |                                     |                                     |
| (a) Would the proposed project exceed any threshold identified in Table 16-1 in Chapter 16?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) If "yes," conduct the appropriate screening analyses, attach back up data as needed for each stage, and answer the following questions:   |                                     |                                     |
| o Would the proposed project result in 50 or more Passenger Car Equivalent (PCEs) per project peak hour?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If "yes," would the proposed project result in 50 or more vehicle trips per project peak hour at any given intersection?<br>**It should be noted that the lead agency may require further analysis of intersections of concern even when a project generates fewer than 50 vehicles in the peak hour. See Subsection 313 in Chapter 16 for more information.  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o Would the proposed project result in more than 200 subway/rail or bus trips per project peak hour?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If "yes," would the proposed project result, per project peak hour, in 50 or more bus trips on a single line (in one direction) or 200 subway trips per station or line?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o Would the proposed project result in more than 200 pedestrian trips per project peak hour?  | <input type="checkbox"/>            | <input type="checkbox"/>            |
| o If "yes," would the proposed project result in more than 200 pedestrian trips per project peak hour to any given pedestrian or transit element, crosswalk, subway stair, or bus stop?   | <input type="checkbox"/>            | <input type="checkbox"/>            |

|   | YES                                 | NO                                  |
|---|-------------------------------------|-------------------------------------|
| <b>14. AIR QUALITY: CEQR Technical Manual, Chapter 17</b>   |                                     |                                     |
| (a) Mobile Sources: Would the proposed project result in the conditions outlined in Section 210 in Chapter 17?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Stationary Sources: Would the proposed project result in the conditions outlined in Section 220 in Chapter 17?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| o If 'Yes,' would the proposed project exceed the thresholds in the Figure 17-3, Stationary Source Screen Graph in Chapter 17? (Attach graph as needed) See Attachment D, "Air Quality."  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (c) Does the proposed project involve multiple buildings on the project site?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (d) Does the proposed project require Federal approvals, support, licensing, or permits subject to conformity requirements?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (e) Does the proposed project site have existing institutional controls (e.g., (E) designations or a Restrictive Declaration) relating to air quality that preclude the potential for significant adverse impacts?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (f) If "yes" to any of the above, conduct the appropriate analyses and attach any supporting documentation.   |                                     |                                     |
| <b>15. GREENHOUSE GAS EMISSIONS: CEQR Technical Manual, Chapter 18</b>  |                                     |                                     |
| (a) Is the proposed project a city capital project or a power generation plant?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (b) Would the proposed project fundamentally change the City's solid waste management system?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) Would the proposed project result in the development of 350,000 square feet or more?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (d) If "yes" to any of the above, would the project require a GHG emissions assessment based on guidance in Chapter 18? The upgrades to the existing facility would result in a reduction of GHG, consistent with PlaNYC goals (see Attachment D, "Air Quality.")   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| If "yes," would the project result in inconsistencies with the City's GHG reduction goal? (see Local Law 22 of 2008; § 24-803 of the Administrative Code of the City of New York). Please attach supporting documentation.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <b>16. NOISE: CEQR Technical Manual, Chapter 19</b>   |                                     |                                     |
| (a) Would the proposed project generate or reroute the vehicular traffic?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) Would the proposed project introduce new or additional receptors (see Section 124 in Chapter 19) near heavily trafficked roadways, within one horizontal mile of an existing or proposed flight path, or within 1,500 feet of an existing or proposed rail line with a direct line of sight to that rail line?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (c) Would the proposed project cause a stationary noise source to operate within 1,500 feet of a receptor with a direct line of sight to that receptor or introduce receptors into an area with high ambient stationary noise? (Please see Attachment E, "Noise.")  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (d) Does the proposed project site have existing institutional controls (e.g., (E) designation or Restrictive Declaration) relating to noise that preclude the potential for significant adverse impacts?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (e) If "yes" to any of the above, conduct the appropriate analyses and attach any supporting documentation.   |                                     |                                     |
| <b>17. PUBLIC HEALTH: CEQR Technical Manual, Chapter 20</b>   |                                     |                                     |
| (a) Based upon the analyses conducted, do any of the following technical areas require a detailed analysis: Air Quality, Hazardous Materials, Noise?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| (b) If "yes," explain why an assessment of public health is or is not warranted based on the guidance in Chapter 20, "Public Health." Attach a preliminary analysis, if necessary.  |                                     |                                     |
| <b>18. NEIGHBORHOOD CHARACTER: CEQR Technical Manual, Chapter 21</b>  |                                     |                                     |
| (a) Based upon the analyses conducted, do any of the following technical areas require a detailed analysis: Land Use, Zoning, and Public Policy; Socioeconomic Conditions; Open Space; Historic and Cultural Resources; Urban Design and Visual Resources; Shadows; Transportation; Noise? (A detailed Noise analysis was completed, see Attachment E, "Noise.")  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| (b) If "Yes," explain why an assessment of neighborhood character is or is not warranted based on the guidance in Chapter 21, "Neighborhood Character." Attach a preliminary analysis, if necessary. The detailed Noise analysis (see Attachment E, "Noise") showed that there would be no significant adverse noise impacts associated with the proposed project. Therefore, a neighborhood character assessment is not warranted. |                                     |                                     |

|     |    |
|-----|----|
| YES | NO |
|-----|----|

**19. CONSTRUCTION:** *CEQR Technical Manual, Chapter 22*

(a) Would the project's construction activities involve:

|   |                                     |                                     |
|---|-------------------------------------|-------------------------------------|
| o Construction activities lasting longer than two years?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| o Construction activities within a Central Business District or along an arterial or major thoroughfare?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o Closing, narrowing, or otherwise impeding traffic, transit or pedestrian elements (roadways, parking spaces, bicycle routes, sidewalks, crosswalks, corners, etc.)?                         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o Construction of multiple buildings where there is a potential for on-site receptors on buildings completed before the final build-out?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o The operation of several pieces of diesel equipment in a single location at peak construction?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| o Closure of a community facility or disruption in its service?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o Activities within 400 feet of a historic or cultural resource?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o Disturbance of a site containing or adjacent to a site containing natural resources?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| o Construction on multiple development sites in the same geographic area, such that there is the potential for several construction timelines to overlap or last more than two years overall? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

(b) If any boxes are checked "yes," explain why a preliminary construction assessment is or is not warranted based on the guidance in Chapter 22, "Construction." It should be noted that the nature and extent of any commitment to use the Best Available Technology for construction equipment or Best Management Practices for construction activities should be considered when making this determination.  
**See Attachment G, "Construction."**

**20. APPLICANT'S CERTIFICATION**

I swear or affirm under oath and subject to the penalties for perjury that the information provided in this Environmental Assessment Statement (EAS) is true and accurate to the best of my knowledge and belief, based upon my personal knowledge and familiarity with the information described herein and after examination of pertinent books and records and/or after inquiry of persons who have personal knowledge of such information or who have examined pertinent books and records.

Still under oath, I further swear or affirm that I make this statement in my capacity as the applicant or representative of the entity that seeks the permits, approvals, funding, or other governmental action(s) described in this EAS.

APPLICANT/REPRESENTATIVE NAME: \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**PLEASE NOTE THAT APPLICANTS MAY BE REQUIRED TO SUBSTANTIATE RESPONSES IN THIS FORM AT THE DISCRETION OF THE LEAD AGENCY SO THAT IT MAY SUPPORT ITS DETERMINATION OF SIGNIFICANCE.**